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**TITLE:** RECORDER  
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**INVENTOR-INFORMATION:**

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**ABSTRACT:**

PURPOSE: To attain the start and stop of a video recording in response to the sound level by providing a sound level detection means detecting the sound level and outputting a signal in response to the level and a recording means starting or stopping the video recording in response to the signal of the detection means.

CONSTITUTION: A controller 5 includes, e.g., a subtractor 6 and a delay circuit 9, detects a

difference between the sound level delayed by a prescribed time AT and the sound level not delayed, eliminate a stationary noise component and detects a signal corresponding to the fluctuation of the sound level. A signal corresponding to the fluctuation is compared with a prescribed value  $\beta$  by a post-stage comparator 7 and when the fluctuation reaches the prescribed value or over, a counter 8 is reset. When the counter 8 is reset, an output inversion of Qn rises from an L level to an H level and the video recording is started. Then the counter 8 counts a CLOCK signal and when it reaches a prescribed value and the output inversion of Qn descends to the H level, the video recording is stopped. Since the sound and video recording are applied in response to the fluctuation of the sound level in this way, the device is used even at an environment with much noise stationarily.

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